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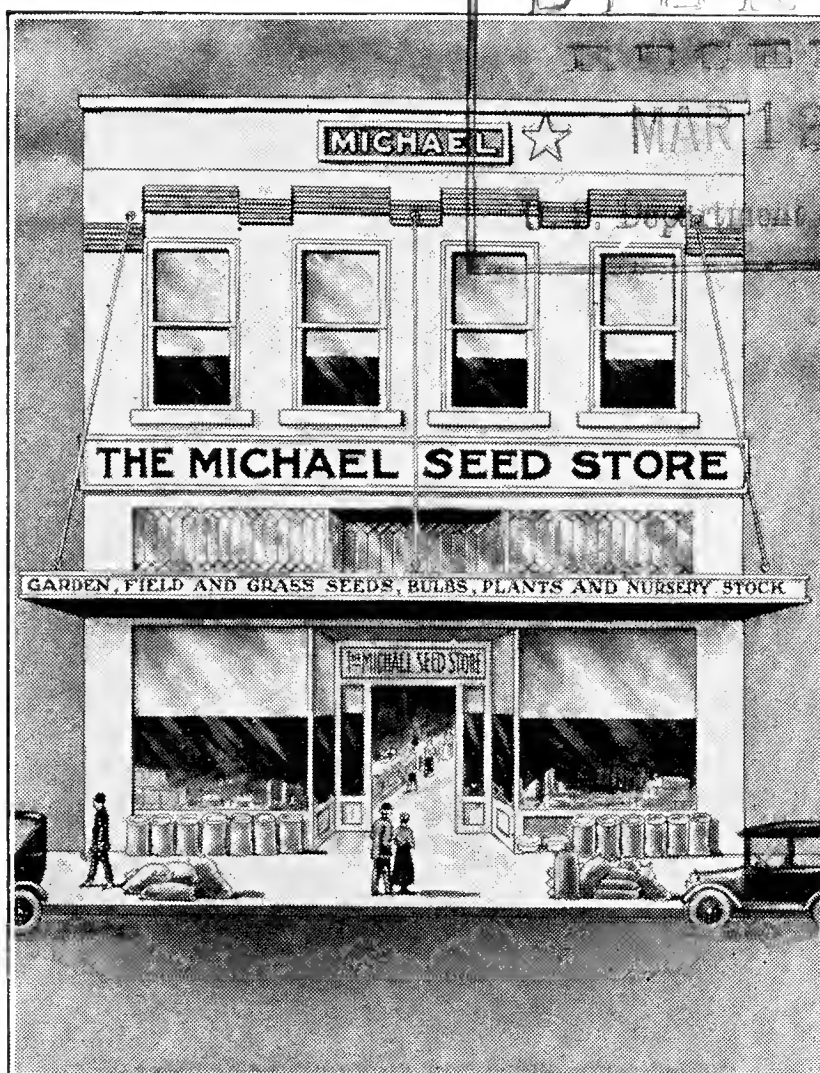
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6227

MICHAEL SEED STORE

The Great White Front

1936



"Brightest Pearl on Pearl Street"

The HOME of GOOD SEEDS Bulbs, Plants and Nursery Stock

Farmer's Home And Rest

Established Forty Years Ago

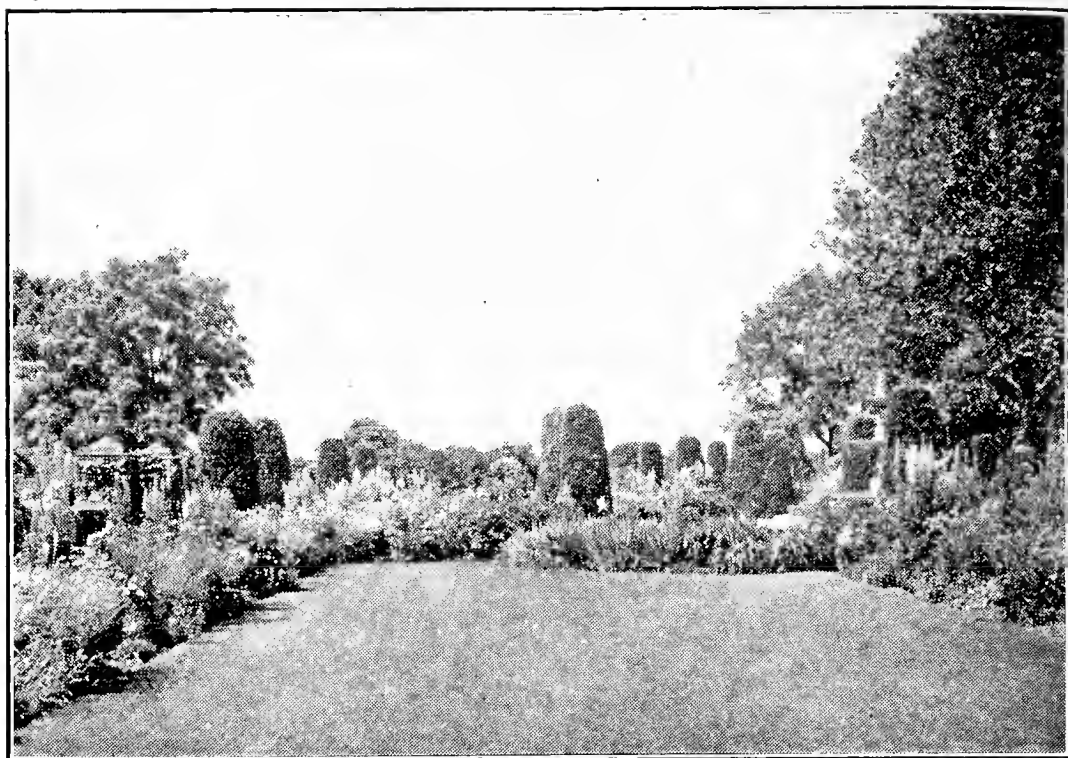
A FRIENDLY TIP: Plant a home garden this spring. A healthful exercise and a swat at the **High Cost of Living**. The **city man**, the **suburbanite** and the **farmer** too. Any farmer can save \$500.00 a year with a good home garden.

CATALOG: In handing you our new **Economy** edition semi-descriptive catalog we wish to express our thanks and appreciation and good will in days gone by.

Quickest seed catalog ever printed.

Disclaimer: While we exercise the greatest care to have all seeds pure and reliable, it is positively understood we sell no seeds, plants, bulbs or nursery stock with any warranty expressed or implied in any respect and will not be in any way responsible for the crop.

316 Pearl Street -:- Phone 88666
SIoux CITY - - - - - IOWA



HOW to make a lawn

In preparing a seed bed so as to insure an everlasting lawn, it is well that the earth be stirred deeper than merely scratching the surface, either with a good stirring plow or spade to the depth of a foot or 15 inches, or even more. This is the first step to be taken, and the next consideration is the fertility of the soil where you are making the lawn. Among the various methods which increase the fertility of the soil we find that **Humus** plays a most important part. The very best time to do the work of preparing the soil for a lawn is in the autumn season and then left for the winter. The soil is solidified by the winter condition. Then in the spring the surface should be lightly stirred and the seed sown, well raked and rolled. When the summer is over and the winter comes on again, the lawn needs attention, and it is a wise plan after the ground is slightly frozen to cover it with a moderate coat of well rotted manure. In the springtime before the growth of grass is started, this coat of manure should be well raked in the soil, and the roughage raked off, giving the grass a chance to get plenty of sunlight. Should, however, this be overlooked in the autumn, then in the springtime again it is well to apply a moderate amount of sheen manure, phosphate or ground bone fertilizer, well raked into the soil just as soon as is possible and at such time it is well to apply a sprinkle of our blend of **Reseeding Lawn grass seed**.

These suggestions in regard to the making of a lawn will well repay the time and expense by the increased growth of grass.

TO DRIVE OUT MOLES

Open the mole run in three or four places. Sprinkle a few drops of **DOGZOFF** on cotton wads and drop into mole runs. See page 22

Lawn Fertilizers

Stimulant as well as humus fertilizer

Sheepo humus fertilizer — 5c per lb., 6 lbs. 25c; \$2.00 per 100 lbs.
Miko, Michael's own, humus fertilizer — 5 lbs. 25c; \$3.00 per 100 lbs.

LAWN GRASS SEED

One pound **Superfine** Blue Grass will seed 300 square feet.
Blue Grass Seeds, Michael's' 30 lb. **Superfine**, Lawn Culture 35c per lb.
 Blue Grass Seed, 25 lbs. **Fancy Fine**, Lawn Culture.....25c per lb.
 Blue Grass Seed **Trivialis** Shady Nook places.....40c per lb.
Magic Lawn Grass Seed, Superfine Blend **Grass Seeds**.....35c per lb.
 Reseeding Lawn Grass Seed, Superfine Blend Grass Seeds....35c per lb.
 Deep Rooted Lawn Grass Seed for **Terraces**25c per lb.
Creeping Bent Grass Seed, Oregon Grown Astoria.....\$1.00 per lb.
 Rye Grass Seed, Michael's **Short Seeded**, Lawn Culture....25c per lb.

THE MICHAEL SEED STORE

316 Pearl St., Sioux City, Ia.

Phone 88666



Former Century 1896 Piccadilly Period

Born in Virginia. As a young man, took Horace Greeley's advice to heart, and migrated West in 1880. Came to Sioux City in 1884. With others here he helped to found and establish a seed business at Sioux City. Now last of the four that were then. That business today still a flourishing institution with ideals based on **purity, vitality** and **perfection**; promises to grow greater in the years to come.



AS IS TODAY

Well known seedsman, still doing business at the old stand founded forty years ago. Selling today the grandchildren of those who bought seed from him **forty years ago**.

J. B. Michael

Michael Seed Store

316 Pearl Street

SIOUX CITY, IOWA

Phone 88666

THE Michael Seed Store

Phone 88666

J. S. MICHAEL, Prop.

316 Pearl St., SIOUX CITY, IOWA

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VEGETABLE SEEDS

for the Home Garden

BEANS, PEAS and SWEET CORN our own crop.
Our special strains. First and Best Seed.

Special Prices in Quantity

BEANS	PRICES—Bulk Seed		
	¼ lb.	1 lb.	25 lb.
Golden Wax	\$0.10	\$0.20	\$3.75
Black Wax .....	.10	.20	3.75
Sioux Wax, Ace O'Beans .....	.10	.25	4.00
Kidney Wax .....	.10	.20	3.75
Davis Wax .....	.10	.20	3.75
Purple Wax .....	.10	.20	3.75
Green Pod, Burpee .....	.10	.20	3.25
Red Valentine .....	.10	.20	3.25
Dwarf Lima, Burpee .....	.10	.25	
Henderson Lima .....	.10	.25	
Ky. Wonder .....	.10	.25	

PEAS	PRICES—Bulk Seed		
	¼ lb.	1 lb.	25 lb.
Alaska, Earliest	\$0.10	\$0.20	\$3.25
Michael's Early June .....	.10	.20	3.50
Little Gem, Early Wrinkled ....	.10	.20	3.75
Little Marvel, Ey. Wrinkled ..	.15	.25	5.00
American Wonder, Wrinkled ..	.10	.25	4.00
Potlatch, Large Pod, 2nd Ey...	.10	.20	3.75
Telephone, Large Pod .....	.10	.25	3.75
Champion of England, late.....	.10	.20	3.50
Edible, eat pods and peas .....	.10	.25	

TABLE BEETS	PRICES—Bulk Seed		
	1 Oz.	¼ lb.	1 lb.
Early Wonder, Best Early	\$0.10	\$0.20	\$0.60
Early Egyptian, Good Early ....	.10	.20	.60
Crosby's Improved Egyptian ..	.10	.20	.60
Detroit Dark Red, Early.....	.10	.20	.60
Half Long, Blood Red .....	.10	.25	.75
Swiss Chard, for Greens .....	.10	.20	.60

MANGEL WURZEL	PRICES—Bulk Seed	
	1 lb.	10 lb.
Half Sugar Mangel	\$0.35	\$3.00
Long Red Mammoth Mangel .....	.35	3.00
Golden Tankard, Yellow Mangel .....	.35	3.00
White French, Sugar Sweet Cattle Beet	.35	3.00

CABBAGE	PRICES—Bulk Seed		
	½ Oz.	Oz.	1 lb.
COPENHAGEN, Wilt Resistant Strain	\$0.10	\$0.15	\$2.00
Golden Acre .....	.10	.20	2.00
Early Wakefield .....	.10	.15	1.50
Early Flat Dutch .....	.10	.15	1.50
Danish Balhead .....	.10	.15	2.00
Late Flat Dutch .....	.10	.15	1.50
Red Dutch .....	.10	.15	

Tender Gold

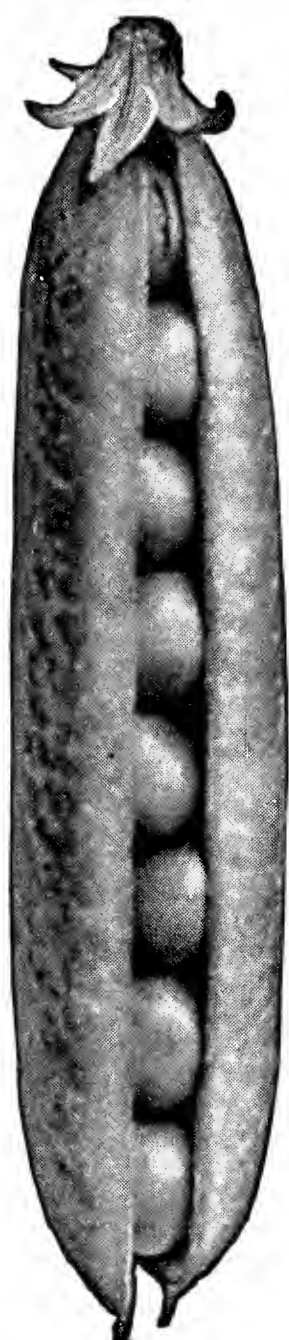
HYBRID SWEET CORN

Golden Cross

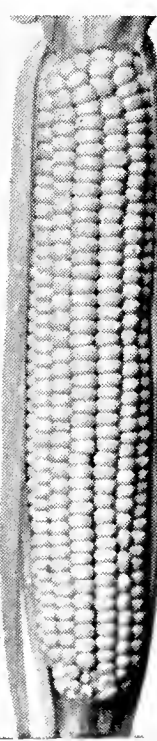
Results of many years experimental work. Distinct advantage over other varieties of yellow sweet corn. The results of our own experimental work at Ames.

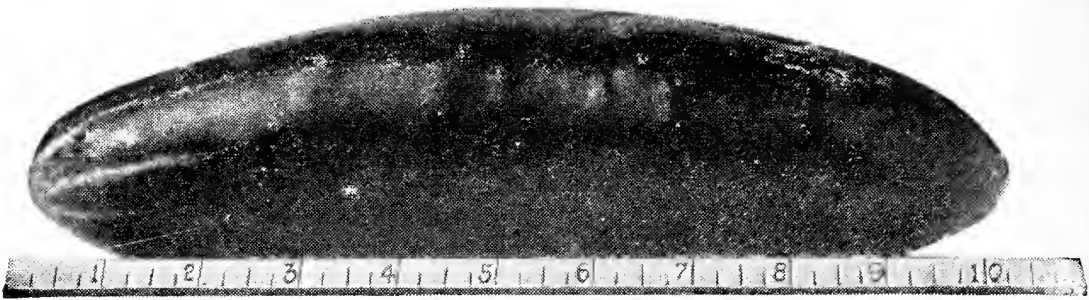
PRICES—Bulk Seed
½ lb. 1 lb. 25 lb.

TENDER GOLD, Earliest Bantam Hybrid—12 Row			
Row .....	.15	.25	5.00
Golden Bantam—8 Rows .....	.10	.15	3.25
GOLDEN CROSS, Early, Bant. Hybrid			
Sunshine, Early Golden .....	.10	.15	3.50
Golden Giant .....	.10	.15	3.25
Early Minn. .....	.10	.15	3.00
Country Gentlemen .....	.10	.15	3.50
STOWELL'S EVERGREEN .....	.10	.15	3.25



Telephone Pea





Cucumber, Long Green

CUCUMBERS	PRICES—Bulk Seed		
	Oz.	½ lb.	1 lb.
White Spine, for home garden	\$0.10	\$0.75	\$1.25
Davis Perfect, green slicing .....	.10	.75	1.25
Early Frame, Perfect pickling .....	.10	.60	1.25
Boston Pickling .....	.10	.60	1.25
Long Green, home garden variety .....	.10	.75	1.25

CARROTS	PRICES—Bulk Seed		
	Oz.	½ lb.	1 lb.
Early Horn, Extra Early	\$0.10	\$0.50	\$0.90
Oxheart, Early Short .....	.10	.40	.75
Danvers, Half Long .....	.10	.45	.75
Chantenay, Half Long .....	.10	.45	.75
Yellow Belgian Stock Carrot	1 lb. 60c;	5 lbs.	\$2.50

CAULIFLOWER	Pkt. ¼ oz. 1 oz.		
	Oz.	½ lb.	1 lb.
Early Snowball	\$0.10	\$0.35	\$1.00
Danish Giant .....	.10	.40	1.50

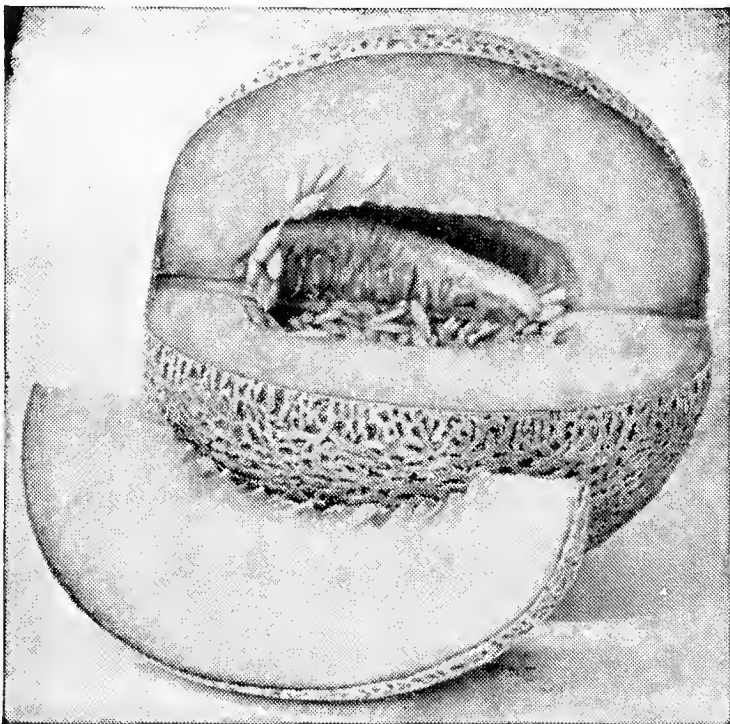
CELERY	½ oz. Oz. 1 lb.		
	Pkt.	¼ oz.	1 oz.
White Plume, Early	\$0.10	\$0.20	\$2.00
Golden Self Blanching .....	.10	.20	2.25
Giant Pascal, Tall Late .....	.10	.20	
Celeriac, Root Crop Only .....	.10	.20	

EGG PLANT	½ oz. 1 oz.		
	Pkt.	¼ oz.	1 oz.
New York Purple	\$0.20	\$0.35	
Black Beauty .....	.20	.35	

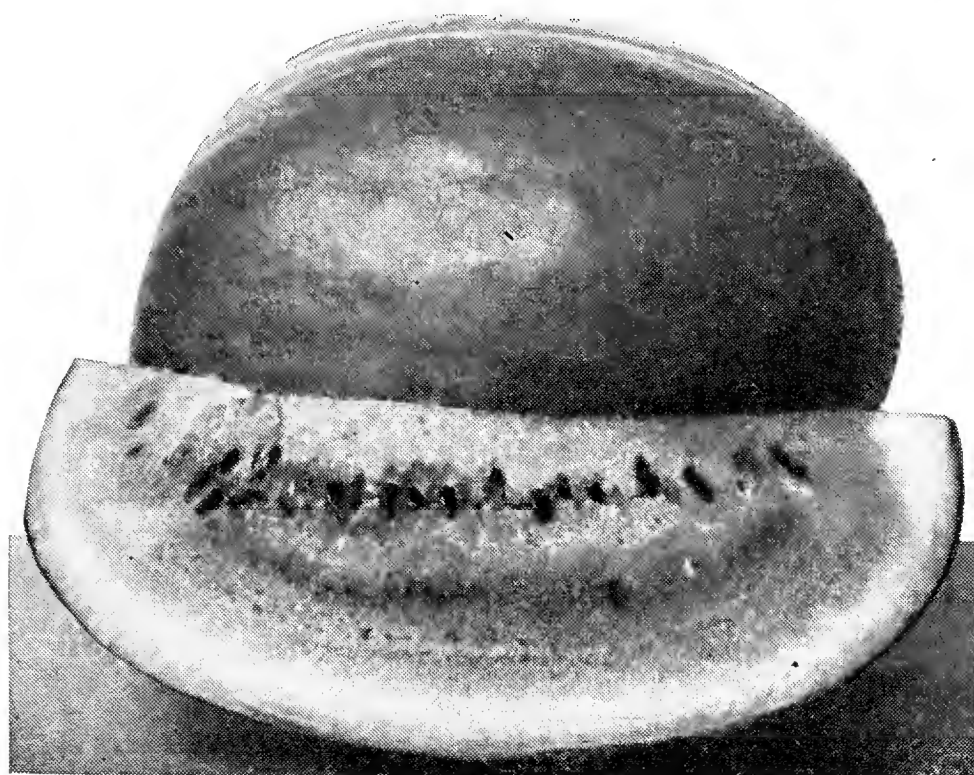
LETTUCE	Oz. ¼ lb. 1 lb.		
	Pkt.	¼ oz.	1 oz.
Black Seeded Simpson, Early Leaf Lettuce.....	\$0.10	\$0.25	\$0.75
Grand Rapids, Early Crinkle Leaf .....	.10	.25	.75
Prize Head, Early Reddish Leaf .....	.10	.25	.75
Iceberg, Early, Heading Variety .....	.10	.25	.75
New York Popular, Heading Variety .....	.10	.35	1.00

MUSKMELON SEED			
Our melons, both muskmelon and watermelon seeds are saves from select specimens of melons.			
	Oz.	¼ lb.	1 lb.
Hearts of Gold, Salmon Flesh.....	\$0.10	\$0.25	\$0.75
Honey Ball, Small Green Flesh .....	.10	.30	.90
Hale's Best, Early, Rich Salmon Flesh .....	.10	.25	.75
Honey Dew, Green Flesh, Extra Sweet .....	.10	.30	.90
Rocky Ford, Popular Green Meated .....	.10	.25	.75
Hackensack, Earliest Green Flesh .....	.10	.25	.75
Milwaukee Market, Large Salmon Flesh .....	.10	.25	.75
Emerald Gem, Early, Delicate Salmon Pink .....	.10	.25	.75
Jumbo Giant, Largest of Muskmelons .....	.10	.35	1.00
"Hoodoo", Popular Yellow Meated .....	.10	.25	.75
Milwaukee Market. Large melons. Average 8 in. in diameter. Thick salmon flesh, sweet and delicious. Good shipper.			

MUSKMELON
Milwaukee Market



Very large melon. 8 in. diameter. Thick salmon flesh. Good shipper.



Dixie Bell Watermelon
Special Prices in Quantity

WATERMELON SEED

	PRICES—Bulk		Seed
	Oz.	1/4 lb.	1 lb.
Dixie Bell, Extra Large, Very Early.....	\$0.10	\$0.25	\$0.60
Dixie Bell, in 1 lb. Sealed Bags Only.....			1.00
Cole's Early, Earliest Round Melon .....	.10	.20	.50
Kleckey's Sweet, Dark Green, Red Flesh .....	.10	.20	.50
Irish Gray, Grayish Green, Red Flesh .....	.10	.20	.50
Rattlesnake, Light Striped, White Seed .....	.10	.20	.50
Sweetheart, Light Green, Red Flesh .....	.10	.20	.50
Tom Watson, Long Green, Rich Red Flesh .....	.10	.20	.50
Golden Heart, Yellow Flesh Variety .....	.10	.25	.75
Citron, Red Seeded for preserves .....	.10	.25	.75

ONION SEED

	PRICES—Bulk		Seed
	1/2 oz.	oz.	1 lb.
Red Globe, Best Keeper	\$0.15	\$0.25	\$2.00
White Globe, Good Keeper .....	.15	.25	2.50
Red Weathersfield, Good Keeper .....	.10	.20	1.50
Valencia, Large Yellow Skin .....	.10	.25	2.00
Yellow Danvers, Good Keeper .....	.10	.15	2.25
Prizetaker, Large Yellow .....	.10	.15	2.50
Silver Skin, Best of Whites .....	.15	.25	2.75
Bartletta, Small Pickling Onion .....	.15	.25	2.50

RADISH SEED

	PRICES—Bulk		Seed
	Oz.	1/2 lb.	1 lb.
Scarlet Turnip	\$0.10	\$0.30	\$0.50
Perfect White Tip .....	.10	.30	.50
Icicle, Long White .....	.10	.30	.50
Scarlet Globe, Round Red .....	.10	.30	.50
French Breakfast .....	.10	.30	.50
Crimson Giant, 2nd Early .....	.10	.35	.60
Rose China Winter .....	.10	.35	.65

Special Prices in Quantity

PEPPER

	1/2 oz.	1 oz.	1 lb.
Bull Nose	\$0.15	\$0.25	\$2.00
Chinese Giant .....	.20	.35	3.50
Ruby King .....	.15	.25	2.00
Pimento .....	.15	.25	2.00
Cayenne .....	.15	.25	2.50

ONION SETS

Prices Subject to Market Changes

Bottom Sets are raised from seed.

By parcel post, first pound 8c, each additional pound 6c extra.

	1 lb.	32 lb.
Yellow Bottom	\$0.15	\$2.00
White Bottom .....	.15	2.25
Red Bottom .....	.15	2.00
Perennial Top Sets (28 lbs. Bu.) .....	.10	2.00
Chives, Perennial	Per Clump	.15
Garlic Bulbs	Per Pound	.25

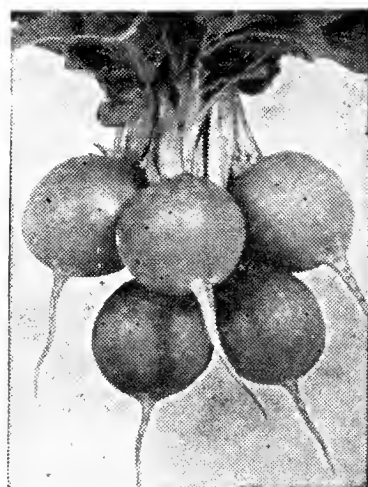
Onion Plants, see page 14

MUSHROOM SPAWN

Inoculated manure bricks ...25c each

Inoculated mold, per quart ...90c

Mushroom culture descriptive bulletin free.



Scarlet Globe Radish



Bison Best Early Tomato

TOMATO SEED**PRICES—Bulk Seed**

	½ Oz.	¼ lb.	1 lb.
Break O Day. New wilt resistant, red variety	\$0.15	\$1.00	\$3.50
Bison. Best extra early red tomato .....	.20	1.25	4.50
Bonny Best. Very early smooth fruit .....	.15	.75	2.00
Crimson Cushion. Large beefsteak variety .....	.15	1.00	3.50
Dwarf Champion. Dwarf habit, tree like, purple fruit ..	.15	1.00	3.00
Erliana. One of the earliest red tomatoes .....	.15	.75	2.50
Marglobe. Second early, red variety, canners favorite ..	.20	1.00	2.50
New Stone. Best Type of large red smooth fruit ..	.10	.65	2.00
Ox Heart. Solid pink fruit, heart shape .....	.25	.50	5.00
Ponderosa. Popular large fruit, red variety .....	.20	1.50	4.50
Yellow Pear. Small pear shape fruit .....	.20	1.50	

Plants—See Page 14

PARSNIP

	Oz.	¼ lb.	1 lb.
Hallow Crown	\$0.10	\$0.25	\$0.50

PARSLEY

	Pkt.	Oz.
Moss Curled	\$0.05	\$0.10
Hamburg, Root Parsley .....	.05	.10

SALSIFY

	Pkt.	Oz.
Mommoth Variety	\$0.05	\$0.15

SPINACH

	Oz.	¼ lb.	1 lb.
Long Standing	(10 lbs. \$2.50) \$0.10	\$0.20	\$0.35
New Zealand .....	.10	.20	.35

PUMPKIN

	Oz.	¼ lb.	1 lb.
Sweet Sugar, Small yellow pie variety	\$0.10	\$0.25	\$0.75
Quaker Pie, A very excellent pie variety .....	.10	.25	.75
Connecticut Field, Planted with corn ... (5 lbs. \$1.25)	.05	.15	.35

SQUASH

	Oz.	¼ lb.	1 lb.
Warty Hubbard, Large dark green-shell warty ..	\$0.10	\$0.25	\$1.00
Table Queen, Small acorn shape, flesh rich yellow..	.10	.25	1.00
Mommoth Chili, Large variety for fairs and shows..	.10	.35	1.00
White Bush, Patty Pan, creamy white flesh .....	.10	.35	1.00
Summer Crookneck, Yellow Summer Crookneck ....	.10	.30	1.00

TURNIPS

	Oz.	¼ lb.	1 lb.
White Milan, Extra Early Variety	\$0.10	\$0.25	\$0.60
Purple Milan, Extra Early Variety .....	.10	.20	.60
Purple Top, Strap Leaf, Flat Variety .....	.10	.20	.50
White Globe, Purple Top for field culture .....	.10	.20	.50

RUTABAGA

	Oz.	½ lb.	1 lb.
American Purple Top	\$0.10	\$0.30	\$0.50

Miscellaneous VEGETABLES**ASPARAGUS**

	Oz.
Washington, Rust Resistant	\$0.10
Mommoth White	10

Asparagus Roots—See Page

BROCCOLI

	Pkt.	½ oz.
White Vienna	\$0.10	\$0.15
Purple Vienna10	.15

BRUSSELS SPROUTS

	Pkt.	½ oz.
Half Dwarf	\$0.10	\$0.15

ENDIVE

Per Ounce	\$0.10
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KALE

	Pkt.	Oz.
Dwarf German	\$0.05	\$0.10
Curled Scotch05	.10

KOHL RABI

	Pkt.	½ oz.
White	\$0.05	\$0.10
Purple .....	.05	.10

LEEK

	Pkt.	Oz.
London Flag	\$0.05	\$0.20

OKRA or GUMBO

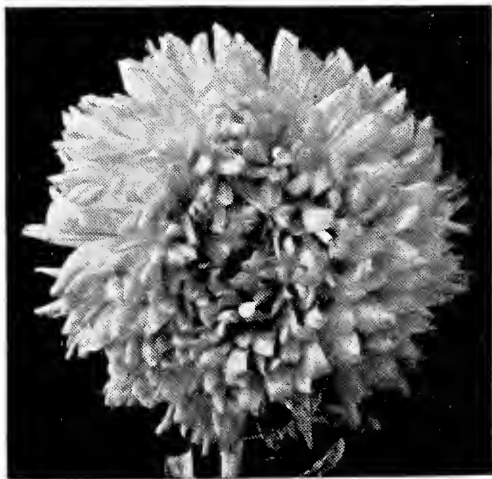
	Pkt.	¼ lb.
Early Dwarf, Green	\$0.10	\$0.25
White Velvet .....	.10	.25

RHUBARB SEED

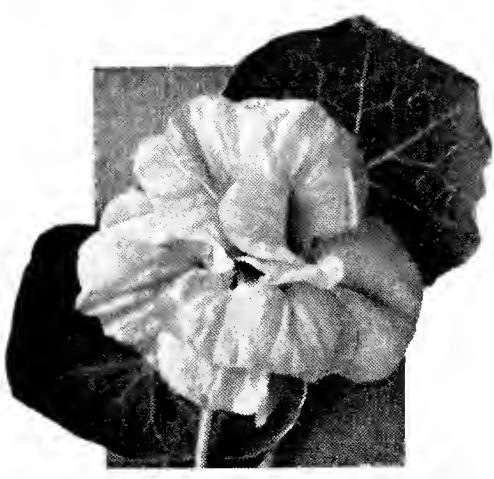
	Pkt.	¼ lb.
Red Flare	\$0.10	\$0.75

SWEET HERBS

	Pkt.	½ oz.
Dill (Annual)	\$0.05	\$0.10
Marjoram (Perennial) ..	.10	.20
Sage (Perennial) ....	.10	.15
Savoy (Perennial) ..	.10	.25
Thyme (Perennial) ..	.10	.25



American Aster



Double Nasturtium

FLOWER SEEDS

ZINNIAS, PETUNIAS, NASTURTIIUMS, SWEET PEAS, ASTERS, PANSIES and MARIGOLDS according to our data of sales are the most used flower seeds. More of these varieties planted than most any other kinds of flower seeds. Our selections listed here are of the best varieties of these kinds. The latest improved by cross fertilization known-grown by specialists in flower seed growing. Especially do we recommend our **Dahlia Type** of Zinnias. Blooms in June until frost

ASTERS (Giant Branching)	PRICE—Bulk Seed		
	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{8}$ oz.
Crimson, Wilt Resistant	\$0.10	\$0.15	\$0.25
Purple, Wilt Resistant .....	.10	.15	.25
White, Wilt Resistant .....	.10	.15	.25
Giant Mixed, all colors, Wilt Resistant .....	.10	.15	.25
Early Beauty, all colors, Wilt Resistant .....	.10	.15	.25
American Beauty, all colors, Wilt Resistant .....	.10	.15	.25
New Creation, reddest red, Wilt Resistant .....	.10	.15	.25

NASTURTIIUMS			
	$\frac{1}{2}$ oz.	1 oz.	1 lb.
King Theo, dwarf, dark foliage	\$0.05	\$0.10	\$0.75
King Theo, tall, dark foliage .....	.05	.10	.75
Dwarf, mixed colors .....	.05	.10	.60
Tall, Mixed colors .....	.05	.10	.60
Golden Gleam, double fragrant flower.....	.15	.25	2.50
Scarlet Gleam, double fragrant flower		$\frac{1}{8}$ oz.	\$0.20

PANSIES			
	Pkt.	$\frac{1}{4}$ oz.	1 oz.
Michael's Colossal, largest flowers, all colors.....	\$0.10	\$1.00	\$3.00
Swiss Giant, improved variety colors .....	.10	1.50	5.00
DeLuxe, mixture, all variety of giants mixed .....	.10	1.50	5.00
Masterpiece, fluted petals, mixed colors .....	.10	1.00	3.50

PETUNIAS—Petunia Hybrida, 20 Inches			
	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
General Dodd, blood red	\$0.10	\$0.15	\$0.25
Howard's Star, improved, purple and white .....	.10	.20	.40
Inimitable, bloched striped .....	.10	.15	.25
Rose King, rich rose .....	.10	.15	.25
Baby Blue .....	.10	.15	.25
White, snow white .....	.10	.15	.25
Balcony, mixed .....	.10	.25	1.00
Michael's 4 Cross, blend .....	.10	.15	.25

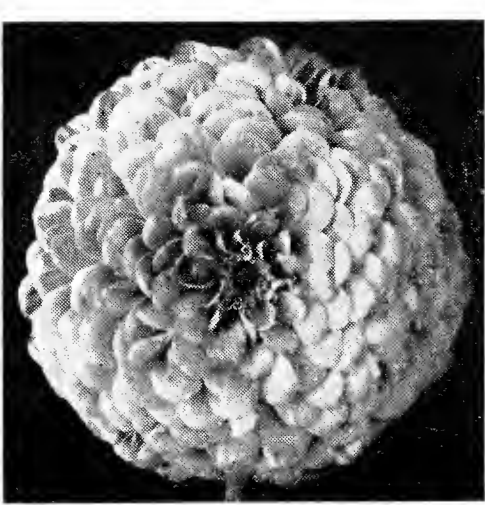
PETUNIA HYBRIDA (Dwarf 8 Inches)			
Purple, white spots	\$0.10	\$0.25	\$0.75
Rose of Heaven .....	.10	.20	.35
Rosy Morn .....	.10	.25	.75
Violacea, deep violet .....	.10	.20	.50
Nana Erecto, mixed colors .....	.05	.15	.35

PETUNIA GRANDIFLORA
All Double mixed. 100 Seeds .50
Our all double **triumphant** petunia seed produces hundred per cent double flowering plants.

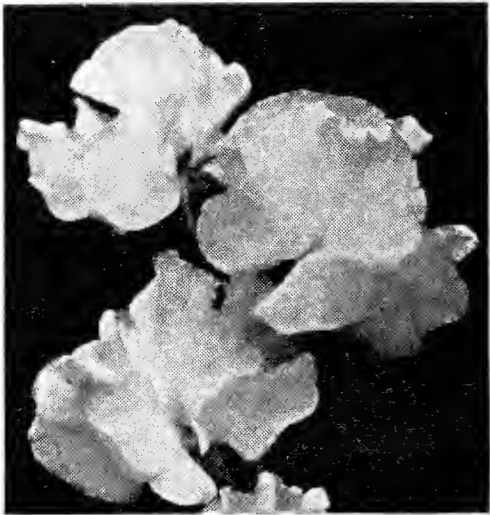
PETUNIA NANA COM-PACTA
Martha Washington—(New petunia) Flowers ruffled and frilled. Plants 9 In. high, forming **ball affect**, literally **smothered** with blooms. June till November. PricePkt. 25c, $\frac{1}{8}$ oz. \$1.50



Petunia Hybrida



Giant Zinnia



Sweet Peas

SWEET PEAS (Spencer Type)

	½ oz.	1 oz.	1 lb.
Apple Blossom	\$0.10	\$0.20	\$1.50
Blanche Ferry, pink .....	.10	.20	1.50
Etta Dyke, white .....	.10	.20	1.50
King Edward, red .....	.10	.20	1.50
Marion, Salmon Pink .....	.10	.20	1.75
President, orange .....	.10	.20	1.25
Michael's DeLuxe mixture.....	.10	.15	1.25

ZINNIA (California Giants)

	Pkt.	¼ oz.	1 oz.
Brightness, bright pink	\$0.10	\$0.20	\$0.75
Golden Queen, yellow .....	.10	.20	.75
Grenadier, bright dark red .....	.10	.20	.75
Orange King, orange scarlet .....	.10	.20	.75
Purity, best white Zinnia .....	.10	.20	.75
Lilliput, Pompom, finest mixture .....	.05	.15	.50

ZINNIA (Dahlia Type)

	Pkt.	⅛ oz.	¼ oz.
Exquisite, deep rose center	\$0.10	\$0.25	\$0.75
Crimson Monarch, deep crimson .....	.10	.25	.75
Meteor, darkest of all reds .....	.10	.25	.75
Oriole, golden bicolor .....	.10	.25	.75
Golden State, yellow orange .....	.10	.25	.75
Michael's 4 Cross, blend, unexcelled .....	.10	.25	.75

MARIGOLD

	Pkt.	⅛ oz.	¼ oz.
Royal Scott, (New) gold dark striped	\$0.15	\$0.25	\$0.40
Prince Orange, best double .....	.15	.25	.40
Guinea Gold, double ruffled flowers .....	.10	.15	.25
Double Monarch, dwarf mixed shades .....	.10	.15	.25
Double Tall Finest Mixed .....	.05	.10	.15

Marigold and Zinnia

Marigolds and Zinnias bloom longer in season, and as cut flowers in a vase last longer in bloom than any other combination of cut flowers.



Marigold—Guinea Gold

In Combination

Plant in a row, two red zinnias, one Prince Orange marigold, 18 in. apart. Gives when blooming the beautiful effect of the scarlet and the golden.

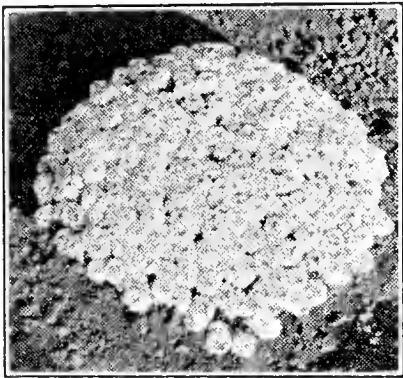
AMERICAN BERRY BOXES — COMMERCIAL BASKETS

For Cherries, Raspberries, Strawberries and other berries. **Pint** size, per 100, 85c; per 500, \$3.75; per 1000, \$7.50. **Quart** size, per 100, 90c; per 500, \$4.00; per 1000, \$7.50. **Crates**, 24 qt. size, each 15c.

Grape Baskets, 8 qt., per doz., 60c; per 100, \$5.00. Drop Handle Baskets ½ Bu., per doz., 90c; per 100, \$7.00; 1 Bu. Baskets, per doz. \$1.25. Repacking Baskets, per 100, \$2.00; per 1000, \$15.00.

PLANT MARKERS

A metal plant marker will last lifetime. Price, doz., 40c; per 100, \$3.00. Bamboo Stakes 15c Doz.; 100,75c



Alyssum



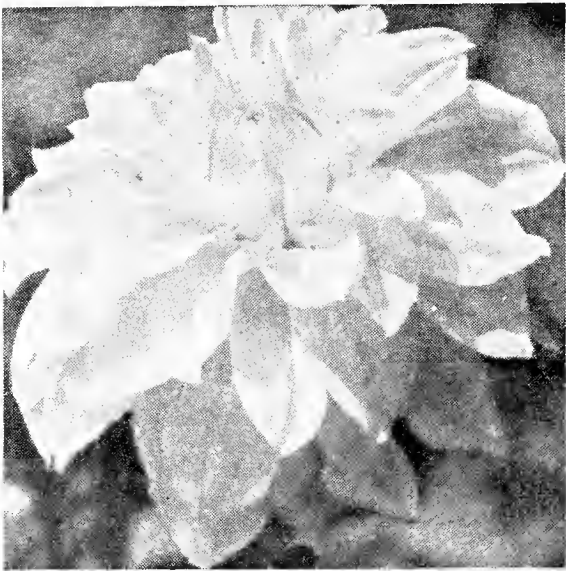
Portulaca

FLOWER SEEDS (Alphabetical Order)

	Pkt.	$\frac{1}{16}$ oz.	Oz.
Alyssum , Procumbens Compact	\$0.05	\$0.10	\$0.35
Bachelor Button, mixed colors .....	.05	.10	.25
Balsam, Tall, mixed colors .....	.05	.10	.25
Calendula , Ball's Golden, old fashion gloriedfied .....	.10	.15	.75
Calendula Chrysantha , (New) Buttercup Yellow .....	.10	.15	.75
Calliopsis, mixed colors, an all season bloomer .....	.05	.10	.15
Candytuft, mixed colors, a fine cut flower .....	.05	.10	.40
Carnation, mixed colors, clove scented all summer ....	.10	.25	1.25
Castor Bean, enormous , 7 ft., rich foliage .....	.05	.10	.15
Celosia, (coxcomb), Tall mixed .....	.10	.15	1.00
Clarkia —double choice mixed, July to Oct. bloomer..	.05	.10	.25
Cosmos, single, all colors .....	.05	.10	.25
Cosmos, double, all colors, Early flowering mammoth ..	.05	.15	.40
Cosmos, Klondyke , gorgeous yellow flower			
Cosmos , pink beauty, Early bloomer .....	.10	.25	1.00
Cypress Vine, scarlet, fine foliage, very attractive ....	.05	.10	.30
Datura (Angel's Trumpet), Large white flower .....	.05	.15	.60
Forget-Me-Not, mixed colors .....	.10	.15	.25
Four-O-Clock (Marvel Pern) mixed colors .....	.05	.10	.20
Helichrysum (Straw Flower), double .....	.10	.15	.50
Ipomea (Blue Moonflower), deep blue .....	.10	.15	.25
Job's Tears , hardy annual .....	.10	.15	.75
Larkspur, LaFrance, double, salmon pink .....	.10	.15	.75
Lobelia, dark blue, border plant .....	.05	.15	.75
Moonflower , night bloomer .....	.10	.15	1.25
Morning Bride (Scabiosa), feathery effect .....	.10	.15	.40
Morning Glory, Common, mixed colors .....	.05	.10	.25
Morning Glory , Clark's big blue Great Climber .....	.10	.25	1.25
Pinks, Chinese, single mixed .....	.05	.15	.50
Pinks, Chinese, double mixed .....	.10	.25	.50
Poppy, Cal., mixed colors .....	.10	.15	.50
Poppy, Shirley, mixed colors .....	.05	.10	.50
Portulaca, Rose Moss, single mixed .....	.05	.15	.75
Portulaca , double mixed .....	.10	.25	1.50
Phlox, Drummondii, mixed colors, annual .....	.10	.15	1.25
Salpiglossis (Gloxiniaflora Mixed) .....	.10	.15	.75
Salvia, Splendens , brilliant red flower .....	.10	.15	1.25
Stock, double flowering .....	.10	.15	1.00
Summer Cypress, climbing vine .....	.05	.10	.25
Sweet William, the old time variety .....	.10	.15	1.25
Snap Dragons (Antirrhinum), mixed new giants .....	.10	.15	1.00
Verbena, mixed colors .....	.05	.10	.60

PERENNIAL FLOWER SEEDS

	Pkt.	$\frac{1}{16}$ oz.
Aquilegia (Columbine), single mixed	\$0.10	\$0.25
Aquilegia (Columbine), double mixed .....	.10	.25
Campanula (Cantebury Bells) .....	.10	.25
Carnation, grenadin double mixed .....	.10	.25
Candytuft, Sempervirens, white .....	.10	.25
Coreopsis (Lanceolata) double yellow .....	.05	.10
Delphinium , Michael's Specials mixed .....	.15	.40
Digitalis (Fox Glove) .....	.10	.15
Forget-Me-Nots (Myosotis) sky blue .....	.10	.15
Gaillardia, new hybrids .....	.10	.15
Linum LINUM—Perennial Flax. Sky-blue blossom .....	.10	.15
Oriental Poppy (Papaver) scarlet .....	.10	.15
Phlox , Decussata, mixed, 3 ft. stems .....	.10	.25
Physalis, Chinese Lantern .....	.10	.25
Pinks, Allwoodii .....	.10	.25
Pyrethrum, single mixed .....	.10	.25
Pyrethrum , double mixed .....	.25	1.00
Platycodon, Balloon Flower, mixed .....	.10	.25
Shasta Daisy , best American white double .....	.10	.25
Sweet Peas, Lathyrus, mixed colors .....	.10	.15
Hollyhock , Fringed Petals, Alleghany (100 Seeds 10c).		
Hollyhock, double type (100 Seeds 10c). Roots each 10c; doz. \$1.00.		
Hollyhock, single type (100 Seeds 10c).		



Dahlia



Canna

BULBS, ROOTS and FLOWERING PLANTS

CANNA ROOTS AND PLANTS (4 in Pot)

	Each	Doz.
President, red, pot grown plants, 4 ft.	\$0.25	\$2.25
President, Canna Dormant Roots .....	.10	.75
Queen Helen, yellow pot grown plants, 4 ft. ....	.25	2.50
Queen Helen, Canna Dormant Roots .....	.10	.75
Humbert, bronze foliage, pot grown plants, 4 ft. ....	.25	2.25
Humbert, Canna Dormant Roots .....	.10	.75
Eureka, Pure white, pot grown plants, 4 ft. ....	.25	2.50
Eureka, Canna Dormant Roots .....	.10	1.00
Musifolia, Green red flowers, pot grown, 6 ft. ....	.25	1.75
Musifolia, Canna Dormant Roots .....	.05	.50

DAHLIAS

Bashful Grant, Apricot and Amber .....	.10	1.00
Diana, Scarlet .....	.10	1.00
D. M. Moore, Deep Maroon, Almost Black .....	.10	
Purple Manitou, Immense Purple Flower .....	.15	
Jane Cowl, Brousy Buff Salmon .....	.15	
Jersey Beauty, Perfect Pink .....	.20	
Judge Marean, Reddish Orange .....	.10	
Kitty Dunlap, American Beauty Shade .....	.15	
Laura Morris, Large and Best Yellow .....	.15	
Oregon Beauty, Brilliant Red .....	.10	
Mrs. E. DeVer Warner, Orchid Lavender .....	.10	
Venus, White Suffused Lavender .....	.10	
Mixed Shades, Pink, Red and White .....	.05	(50c doz.)

GLADIOLUS BULBS

	Each	Doz.	100
American, Soft Pink, Immense Flower	\$0.05	\$0.35	\$2.50
Baron Hulot, Best Purple .....	.10	.60	4.45
Le Marechal Foch, Delicate Pink, Large American ..	.05	.35	2.50
Niagara, Canary Yellow .....	.05	.40	4.00
Panama, Deep Pink, large flower .....	.05	.50	3.00
Princes, Brilliant Crimson, scarlet flower .....	.05	.50	2.50
Purple Glory, Ruffled Petals, Maroon red			
Native Mixture, Home Raised .....		.25	1.50
Jumbo Mixture, Largest size attractive bulbs .....	.05	.35	2.25

PEONIES

Roots Fertilized for Planting

Picture	Each root wrapped	Name and Description.	Each	
Edulis Superba, Pink, Very early	\$0.15	3 for	\$0.40	
Felix Crousse, Brilliant Crimson, stiff stems .....	.20	3 for	.50	
Festiva Maxima, Pure White flecked, Better Best..	.15	3 for	.40	
Karl Rosenfeldt, Brilliant Crimson, Better Best ....	.20	3 for	.50	
Pink Unnamed Mixed, mixed pink varieties .....	.15	\$1.50 doz.		
Red Unnamed Mixed, mixed red variety .....	.15	2.00 doz.		
Mixed Colors. All kinds, red, pink and white .....	.15	1.50 doz.		
LeCygne, White, World's best peony, each	4.00			

IRIS

We stock many varieties not mentioned.	
Alcazar, S. Violet, F. Purple, 3 ft.	\$0.25
Ambassadeur, S. Purple, F. Maroon, 3 ft. ....	.50
Juniata, S. and F. Deep Blue, Tallest, 4 ft. ....	.25
Kochi, Rich Dark Purple, black, 2½ ft. ....	.15
Mother Pearl, Bluish Lavender, 3 ft. ....	.35
Prospero, S. Lavender, F. Deep Purple .....	.50
Mixed Iris, All kinds, mixed	(.35c per doz.) .05



LILLIUM PHILIPPENENSE FORMOSANUM

“WONDER LILY”

Sturdy plant, long leaves, beautiful foliage, **ever blooming**. New spikes continually appearing from the mother bulb. Bearing flowers until frost in autumn. Regal lily type flower. Price 25c each, 3 for 70c

HARDY LILY BULBS

	Each		
Album, Pure White	\$0.25	3 for	\$0.60
Auratum, Gold Band .....	.25	3 for	.60
Candidum, (Madonna) fragrant white .....	.10	5 for	.25
Elegans, (Fire Lily) red .....	.25	3 for	.60
Regale, Pink Shaded, 6 to 7 inch .....	.20	3 for	.55
Tiger Lily, Single .....	.10	4 for	.35
Tiger Lily, Double .....	.15	3 for	.40

NOT HARDY

Begonias, Tuberose Rooted, different colors	25	3 for	.60
Elephant's Ear (Caladium) Tropical foliage .....	.25	3 for	.70
Tuberoses, Sweet Scented flowers .....	.05	doz.	.50

CHRYSANTHEMUMS (Hardy Outdoor Varieties)

Surpass all kinds of cut flowers for autumn season, lasting until the ground freezes hard.

	Each		Potted Plants
Carrie (Seven Oaks) earliest yellow bloomer	\$0.25	3 for	\$0.60
Champaign, Ruby Red, October bloomer .....	.25	3 for	.60
Evelyn, Deep Bronze Crimson hue .....	.25	3 for	.60
Glada, Salmon Pink, September bloomer .....	.25	3 for	.60
Little Bob, Button Type, September bloomer .....	.25	3 for	.60
Rosy Gem, Bright Pink, October Bloomer .....	.25	3 for	.60
September Queen, Pure White, August bloomer ....	.25	3 for	.60
Red Flare, Pompom, Oct. bloomer, Bright Red .....	.75	2 for	1.25



Helen Fowler

AQUATIC PLANTS

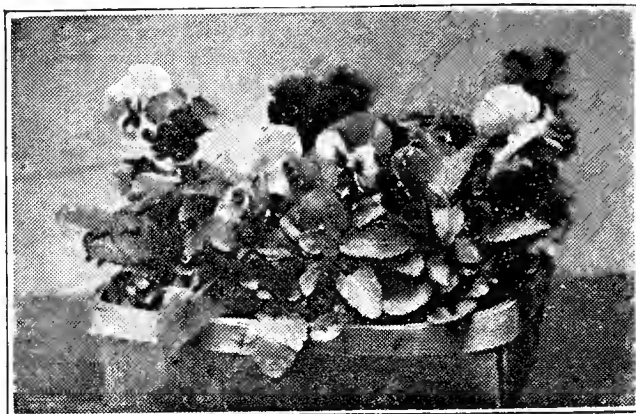
WATER LILIES	TUBERS	
	Each	3 for
White Adorata, sweet scented	\$0.25	\$0.60
Yellow (N u p h a r Ad-vena) .....	.50	1.25
Helen Fowler, deep pink	1.00	2.50
Aurora, red	2.00	
Gigantea, large white flower	1.00	
American Lotus, creamy white	2.00	
Water Hyacinth10	.25
	\$1.00	doz.

Wild Rice, aquatic duck food	1.25 lb.
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DOGZOFF—Effective driving ants away, keeping rats and mice out of the house, as well as protecting trees from rabbits. See price Page 22.



Tomato Plant



Basket of Pansy Plants

PLANT DEPARTMENT

Fertilized for Planting

Picture each root wrapped	Name and Description	Each
	Baby Breath (Gypsophila), wrapped	\$0.15
	Bleeding Heart, wrapped roots	.18
	Campanula (Bell Flower), wrapped roots	.18
	Carnations, pink and scarlet, wrapped	.15
	Columbine, large, wrapped roots, good Rock Garden Plant	.15
	Coreopsis, large, wrapped roots	.15
	Delphinium, hardy perennial, wrapped roots	.15
	Dianthus (Garden Pink), wrapped roots	.15
	Gaillardia, wrapped roots	.15
	Lupine, blue and pink, wrapped	.15
	Oriental Poppy (Papaver), wrapped roots	.15
	Phlox, mixed kinds, wrapped roots	.10 each, \$1.00 doz.
	Phlox, named varieties, wrapped roots	.18
	Physalis (Chinese Lantern), wrapped	.15
	Pyrethrum (Painted Daisy), wrapped roots	.15
	Seedum, rock garden plant, wrapped, rock garden use	.15
	Sempervivum (Horse Leek), wrapped, rock garden use	.15
	Shasta Daisy, large, wrapped roots	.15
	Sweet Pea, perennial, wrapped roots	.20

BASKET GROWN PLANTS

FLOWERING PLANTS (In Earth)

Aster Plants, Basket grown	\$0.35 doz.	Bulk	\$2.50 per 100
Pansy Plants, Basket grown	.35 doz.	Bulk	2.50 per 100
Petunia Plants, Basket grown	.35 doz.	Bulk	3.00 per 100
Salvia Plants, Basket grown	.35 doz.	Bulk	2.50 per 100
Geranium, Plants, 4 in., pot grown, dark red, pink and white	.25 each		2.50 doz.

VEGETABLE PLANTS

Cabbage Plants, frost proof, grown out doors	\$0.50 per 100
Cabbage Plants, transplanted, cold frame grown	1.00 per 100
Tomato Plants, frost proof, grown out doors	.50 per 100
Tomato Plants, transplanted, cold frame grown	1.00 per 100
Cauliflower Plants, early (Snowball)	2.00 per 100
Celery Plants, early variety	.75 per 100
Egg Plants, purple	2.00 per 100
Pepper Plants, giant bull nose	2.00 per 100
Sweet Potato Plants	.75 per 100 \$5.00 per 1000
Asparagus Roots, Washington, rust proof...	.35 doz. 1.50 per 100
Rhubarb Roots, 2 year old	.10 each .60 doz.

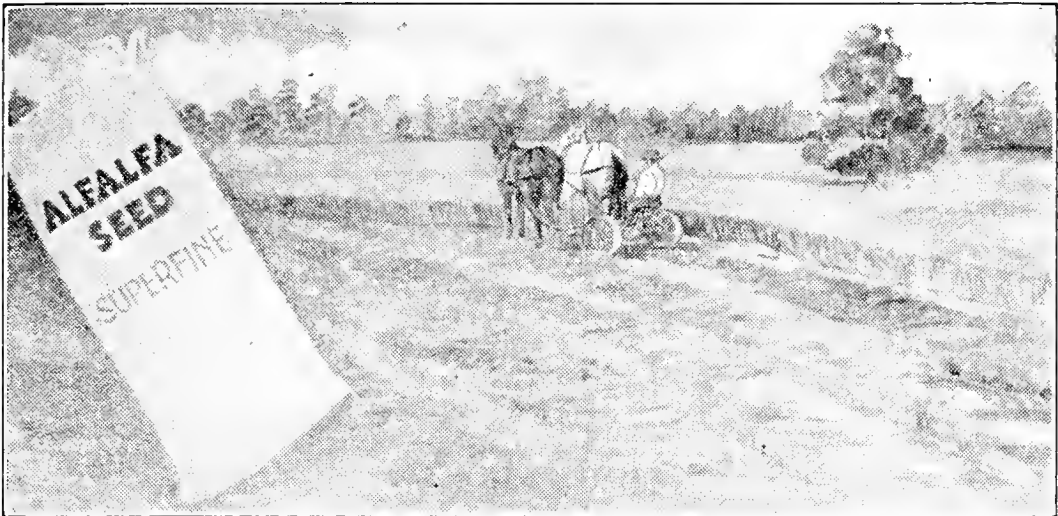
ONION PLANTS

Parcel Post: 1st lb. 8c, each additional pound 6c extra.

	100	1000	6000
White Bermuda Plants	\$0.10	\$0.75	\$4.50
Yellow Bermuda Plants	.10	.75	4.50
Villencias Plants	.10	.75	4.50

VEGETABLE KINGDOM VS. ANIMAL KINGDOM

Life on this earth is divided into two great kingdom; the vegetable kingdom and the animal kingdom. These two kingdoms are again divided into wild life and domestic life. Vegetable kingdom is the older kingdom. The animal kingdom lives on the vegetable kingdom. Everything that we eat and wear comes from Mother Earth through the activities of plant life—the Vegetable Kingdom. "All flesh is grass". Wild life is more resistant than domestic life which has been brought up to the high state of perfection we find it today from the wild life by the artificial effects of man's labor and ingenuity—up and out of the fathomless past. Insects prey on domestic life rather than wild life for the reason that domestic plants furnish more succulent food. We protect domestic plants against these inimical things by insecticides and other remedies. See page 22.



Mowing Alfalfa
The Michael Seed Store Hall of Art.

AGRICULTURAL SEEDS

ALL PRICES SUBJECT TO MARKET CHANGES.

Ask for Special Prices in Quantity

We give no warranty, expressed or implied, as to description, quantity, productiveness, or any other matter of any seeds, bulbs, nursery stock or plants we send out, and we will not, in any way, be responsible for the crop, or any sweet clover infestation in alfalfa fields. Samples furnished on application.

ALFALFA SEED	Fair to Superfine Qualities	
Common, Home Grown Seed	\$16.00 to	\$18.00 Per 100 lbs.
Common, Western Grown Seed	16.00 to	18.00 Per 100 lbs.
Grimm, Affidavit, Home Grown Seed	17.00 to	19.00 Per 100 lbs.
Grimm, State Registered, sealed bags ..	Ask for	price Per 100 lbs.
Cossack, Affidavit, Home Grown Seed ..	20.00 to	25.00 Per 100 lbs.
Cossack, State Registered, sealed bags ...	Ask for	price Per 100 lbs.
Dakota No. 12, Nebr., Dakota Grown ...	20.00 to	22.50 Per 100 lbs.
TURKESTAN—Genuine home raised ...	20.00 to	22.50 Per 100 lbs.

SWEET CLOVER SEED	Fair to Superfine Quality	
Common White, Biennial Variety	\$ 5.00 to	6.50 Per 100 lbs.
Grundy County White, Biennial Variety..	6.00 to	7.00 Per 100 lbs.
Common Yellow, Biennial Variety	5.00 to	6.00 Per 100 lbs.
Alborea new yellow, Alfalfa Foliage....	Prices on Application	
Hubam White, Annual Variety	Prices on Application	

CLOVER AND GRASS SEEDS	Fancy to Superfine	
Medium Red Clover, Iowa	\$12.00 to	\$16.00 Per Bushel
Alsike, Wisconsin Grown		15.00 Per Bushel
Timothy, Iowa Grown	1.75 to	2.50 Per Bushel
White Clover, Bright Seed, field use ..	20.00 to	30.00 Per 100 lbs.
Bromus Inermis, Early and Late Pasture.	15.00 to	30.00 Per 100 lbs.
Blue Grass Ky., Superfine, Michael's		
30 lb. Quality Lawn Culture	1 lb. .35,	5 lb. \$1.50, 10 lb. \$2.50
Blue Grass Ky., Fancy Fine, Michael's		
24 lb. Quality, Lawn Culture	1 lb. .25,	5 lb. \$1.00, 10 lb. \$1.75
Blue Grass Ky., Very fine, 21 lb.		
Quality, Standard Field Culture	1 lb. .20	Per 100 lbs.\$15.00
Blue Grass, Trivialis, for Shady Nooks	1 lb. .35,	5 lbs. \$1.50
Blue Grass (Meadow Fescue)	Per 100 lbs.\$15.00	
Creeping Bent Grass, Oregon Grown Astoria	1 lb. \$1.00,	5 lbs. \$4.50
Rye Grass, Annual, Michael's Small Seeded	1 lb. .25,	10 lbs. \$2.00
Rye Grass, Native, Annual	\$ 9.00 Per 100 lbs.	
Red Top, Fancy, Solid Seed	1 lb. .25,	15.00 Per 100 lbs.
Orchard Grass	1 lb. .25,	20.00 Per 100 lbs.
Pasture Mixture, Special Mixture	15.00 Per 100 lbs.	

FIELD AND FORAGE SEED		
Spring Wheat, Ceres, Early variety	\$1.25 to	\$1.50 per bu.
Rosen Rye, Mammoth White variety .....	.60 to	.75 per bu.
Barley, Velvet and other kinds .....	.55 to	.75 per bu.
Oats, Gopher, Big 4, other kinds	Ask for price per bu.	
Soy Beans, Early Manchu	1.00 to	1.25 per bu.
Flax, Minn. Wilt Resistant	Ask for price per bu.	
Rape Seed, Dwarf Essex	5.00 to	6.00 per 100 lbs.
Sugar Cane, Ey. Black Amber	2.00 to	3.00 per 100 lbs.
Sugar Cane, Orange, Red Top, others	2.00 to	2.50 per 100 lbs.
Kaffir Corn, True White variety	2.50 to	3.00 per 100 lbs.
Mazie, Grohomo, other forage cereals	2.00 to	3.00 per 100 lbs.
Millet, True German variety	4.00 to	5.00 per 100 lbs.
Millet-Proso, Fortune, other kinds	2.00 to	3.00 per 100 lbs.
Sudan Grass Seed, great forager	5.00 to	6.00 per 100 lbs.
Cyclone Seeders	\$2.50 each	
Nitragin Innoculation	½ bu. size, 40c;	bu. 60c; 5 bu. \$2.50

SEED POTATOES

All prices quoted for seed corn and seed potatoes are subject to market changes and stocks unsold.

SEED POTATOES (Red River Grown)

Early Ohio, for seed\$1.00 to \$1.25 Per Bushel
Irish Cobbler, for seed 1.00 to 1.25 Per Bushel
Triumph, for seed 1.25 to 1.50 Per Bushel

WARBA HYBRID SEED POTATO

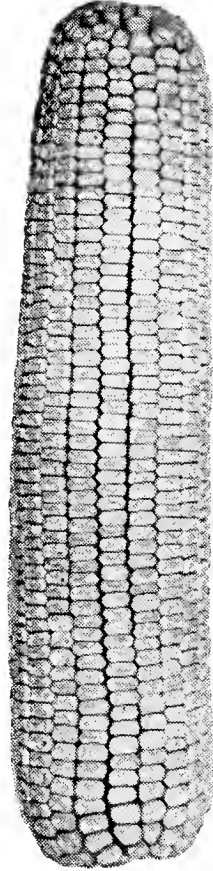
The main characteristics of the HYBRID WARBA potato are: earliness, upright sturdy vines, high yield, short round blocky white tubers with pink eyes, uniform size. Mosaic disease resistant, it is especially adapted for an early market potato and a great early variety for the home garden. Its season is ten to fourteen days earlier than Irish Cobbler and from seven to ten days earlier than Ohio and Bliss Triumph. Vines of the Warba less injured by high temperature than Bliss Triumph. Vines green until normally matured. Flesh conspicuously white and crisp.Price per bu. \$2.50

KATAHDIN HYBRID SEED POTATO

The HYBRID KATAHDIN potato is a double cross, the crossing of two crosses, with a history like the breeding of hybrid seed corn, introduced by the United States Department of Agriculture. Has the advantage, once produced, does not require continuous breeding like hybrid seed corn does. This hybrid is smoother, rounder than most other varieties. The Experiment Station of North Dakota, from four potatoes, raised one bushel. Price per bushel, \$2.50

SEED CORN

All prices quoted for seed corn and seed potatoes are subject to market changes and stocks unsold.



Iowealth Hybrid Seed Corn

SEMESAN Jr.

A Dust Disinfectant for Seed Corn

SEMESAN BELL

Dip Disinfectant for Seed Potatoes

4-oz. tin\$.50
1-lb. tin 1.75
5-lb. tin 8.00

FIELD SEED CORN

Reids Improved, Home GrownPrice on Appl. Per Bushel
Wimble Yellow Dent, Home GrownPrice on Appl. Per Bushel
Yellow Hammer, Extra Early, 90 day ...Price on Appl. Per Bushel
Silver King, Early White DentPrice on Appl. Per Bushel
Other Varieties, lesser important kinds Price on Appl. Per Bushel

HYBRID FIELD SEED CORN

This Iowealth Hybrid Corn of ours was bred not only to out-yield, but also bred for a deeper root system which makes it **drouth** resistant, **wind** resistant and **heat** resistant. Its wide spreading deep rooted, root system, is the trick that does it. **Iowealth** Corn with its powerful root system grows heavy strong stock that produces, not only one ear but a good second ear. In trial tests, Ames, Iowa, it has yielded at the rate of one hundred and forty bushels to the acre. **Iowealth** yields a crop far surpassing **open** pollinated corn or any other strain of hybrid corn. We are **special local** representatives in this trade territory of the Sioux City Seed Company of this city who have bred and developed, in their research department near Ames, Iowa, the **Iowealth** strain of hybrid field corn. Hybrid Seed Corn requires new seed each year. Pays many fold to get it.

Iowealth Yellow Dent Seed Corn, Edge Drop.....\$12.00 per Bu.
Iowealth Yellow Dent Seed Corn, Hill Drop..... 11.00 per Bu.

See Page 5 for Hybrid Strains of Sweet Corn.

THE MICHAEL SEED STORE

SIoux CITY IOWA

316 Pearl Street

Phone 88666

NURSERY DEPARTMENT

WE CARRY IN STOCK VARIETIES NOT QUOTED HERE

Specimen Size	Each	Five	Ten
Fruit Trees 11/16 up	\$0.65	\$3.15	\$6.00
Second Size Fruit Trees 5/16 up .....	.40	1.85	3.50

These prices apply to Apples, Crabs, Cherries and Plums



APPLES PRICE—per tree

Anoka, Hardy Early 11/16 up ..	\$0.65
Duchess, Oldenberg 11/16 up ....	.65
Transparent 11/16 up .....	.65

✕ Vander Veer Pippin, Sum'r 75c

Delicious, Fall, Winter 11/16 up .	.65
Golden Delicious 11/16 up .....	.65
Grimes Golden, Winter 11/16 up ..	.65
Golden Winesap, Winter 11/16 up ..	.65
McIntosh, Winter 11/16 up .....	.65
Wealthy, Autumn 11/16 up ....	.65
Jonathan, Winter 11/16 up .....	.65
Haraldson, Winter 11/16 up .....	.65

CRAB APPLES, size 11/16 up

Whitney Hybrid, for eating raw ..	
Florence, Prolific bearer, Jelly..	.65

CHERRIES, size 11/16 up

Richmond, Early, Dark Pink....	.65
Montmorency, Late, Pink .....	.65
Morello, Late, Dark .....	.65
Tartarian Sweet, Black Hart....	.65
Bing, Black Heart Sweet, 4 ft. ..	.50
Compass, Plum-cherry cross .....	.65

PLUMS, size 11/16 up

Hanska, Hybrid, Red .....	.65
Opata, Hybrid, Green .....	.65
Waneta, Hybrid, Purple.....	.65
Sapa, Hybrid, Dark .....	.65
Terry, Chicksaw, Native .....	.65
Omaha, Chicksaw, Native .....	.65
German Prune .....	.65

APRICOTS

J. L. Budd 11/16 up .....	.65
Hungarian 11/16 up .....	.65
Chinese 11/16 up .....	.65

PEACHES, size 11/16 up

Champion, Hardy .....	.65
Chinese Cling .....	.50
Bokara .....	.50

PEARS, size 11/16 up

Flemish Beauty, Summer .....	.65
Flemish Beauty, dwarf, 4 ft. ....	.65
Kieffer, Winter .....	.50
Bartlett .....	.50

CURRANTS, 2 yr. #1 PRICES

	Each	Doz.
Diploma, Large Fruit	\$0.15	\$2.00
Perfection, Large Fruit ....	.20	2.25

GOOSEBERRIES, 2 yr. PRICES

	Each	Doz.
Downing, Big Fruit	\$0.15	\$1.25
Poorman		
Houghton, Med. Fruit .....	.10	1.00
Glendale, Tree form Prolific ..	.50	5.00

BLACKBERRIES—(Trans-planted Plants)

	Doz.	100
Snyder	\$0.35	\$3.00
Eldora .....	.50	3.00

Brainard Hardy and Prolific, ea. 25c

RASPBERRIES—(Trans-planted) 2 Yr. No. 1

	Doz.	100
Latham, Red everbearing ..	\$0.50	\$3.50
St. Regin, Red everbearing ..	.50	3.00
Columbian, Purple June ..	.75	5.00
Cumberland, Black June ..	.65	4.00

GRAPE VINES—2 Yr. No. 1

	Each	Doz.	100
Concord, Black, the old standard	\$0.12	\$1.25	\$10.00
Beta, Black Prolific annual bearer, arbor vines ....	.15	1.50	12.50
Agawam, Red large foliage, immense leaves .....	.15	1.50	
Caco, Red, Very hardy and Prolific .....	.35	3.50	
Niagara, White, Hardy and Prolific .....	.15	1.60	12.50
Worden, Black like Concord, early and larger ....	.15	1.60	12.50



Hydrangea P. G.

ORNAMENTAL FLOWERING SHRUBS

Price Each

Almond, 2 to 3 ft., Double Pink, Early Flowers	\$0.50
Barberry , 18 to 24 in., Ornamental Red Leaf .....	.25
Barberry, 2½ to 3 ft., Japanese, Green Leaf .....	.25
Beauty Bush , 2 ft., Double Pink Flowers .....	.35
Butterflybush, No. 1 Alternifolia, Purple Flowers .....	.35
Cercis, RED BUD , 2 to 3 ft., Early Red Flowers.....	.60
Cherry, 3 to 4 ft., Japanese Flowering (Pink flower) .....	.75
Cotoneaster, 18 to 24 in., Dwarf Form .....	.35
Crab, 2 to 3 ft. Bechtel Flowering .....	.50
Crab , 2 to 3 ft., New Theifera, Purple Flowers .....	.50
Cranberry, 2 to 3 ft., High Bush, White Flowers .....	.25
Dogwood (Cornus) 2 to 3 ft., Siberica, Red Bark .....	.25
Dogwood (Cornus), 2 to 3 ft., Sanguinea, Bloodtwig .....	.25
Elder, 2 to 3 ft., Golden Yellow Foliage .....	.35
Forsythia, 2 to 3 ft., Spectabilis, Golden Flowers .....	.35
Honeysuckle, 2 to 3 ft., Bella Rosia, Pink Flowers .....	.25
Hydrangea , 2 to 3 ft., A. G. Everblooming .....	.35
Hydrangea, 2 to 3 ft., P. G. Summer Bloomer .....	.35
Peach, 2 to 3 ft., Japanese Flowering .....	.35
Plum (Prunus) Triloba, 2 to 3 ft., Double Pink .....	.35
Plum (Prunus) Pissardi, 2 to 3 ft., Purple leaf-white flower....	.40
Plum Persica (early red flowering peach) 2 to 3 ft. ....	.40
Privet , 2 to 3 ft., Michael's Golden Foliage, Ornamental .....	.50
Quince, 2 to 3 ft., Japanese Early Red Flowers .....	.25
Rhodotypos, 2 to 3 ft., Shiny Green Leaves, Shaded Places ....	.25
Rose Acasia, 2 to 3 ft., Low Bushy Shrub, Pink Flowers .....	.35
Snowball (Viburnum), 2 to 3 ft., Common Snowball.....	.35
Snowberry (Symphoricarpus), 2 to 3 ft., Pink Flowers .....	.35
Sumac (Rhus), 2 to 3 ft., Crimson Berries, Clumps .....	.25
Syringa, 18 to 24 in., Semi-dwarf, Golden Foliage .....	.35
Syringa, 18 to 24 in., Lemonie, Semi-dwarf, Green Foliage .....	.35
Syringa , 3 to 4 ft., Virginalis, Double Flowering .....	.50
Syringa, 2 to 3 ft., Mockorange, Very Fragrant .....	.25
Tamarix, 2 to 3 ft., Hispida, Coral Pink Flowers .....	.35
Weigelia, 2 to 3 ft., Eva Rathka, Red Flowers .....	.35
Yucca, Filamentosa, 2 yr., Sword Leaf Foliage .....	.35

LILACS—2 to 3 ft.

Charles Joly , Double Purplish Red, French grafted stock .....	.50
Charles 10th, Single, Purplish Red, French grafted stock .....	.50
Mme. Perier, Double White, French grafted stock .....	.50
Michael Buchner, Double Dwarf, Lavender Lilac .....	.50
Ludwig Spaeth, Single Purple, Most Profuse Bloomer .....	.50
Persian , Purple Flowers, Early Profuse Bloomer .....	.35
Common Purple, (Vulgaris) Old Fashion Variety .....	.25

SPIREA—(Bridal Wreath)

Anthony Waterer , 18 to 24 in., Dwarf, Crimson Everblooming....	.25
Froebeli, 18 to 24 in., Similar to Anthony Waterer, Taller ....	.25
Prunifolia, 2 to 3 ft., Very Early Bridal Wreath .....	.35
Van Houte , 3 to 4 ft., Fragrant White Bridal Wreath .....	.25
Van Houte, 4 to 5 ft., Extra Large Clumps .....	.50

See Page 20 for Hedge Size



American Beauty



Crimson Rambler

H. P. ROSES—(2 Yr. Wrapped Roots, field grown)

American Beauty, Fragrant, Soft Crimson .....	.50
Druschki, Large Flower, Snow White .....	.45
De Rohan, Large Flower, Deep Red, Fragrant .....	.50
Eugene Furst, Dark Crimson, Profuse Bloomer .....	.45
Gruss an Teplitz, Dark Red, Always Blooming .....	.45
Gen. Jacqueminot, Fragrant, Rich Crimson .....	.45
Paul Neyron, Fragrant, Largest Pink Flower .....	.45
Tailsman, Copper Red, Blended Orange, Rose .....	.50
Briarcliff, Silvery Rose Pink .....	.50
Red Radianc, Bright Rosy Red .....	.50
Ideal, Dark Scarlet, Everbloomer .....	.50
Mme. Butterfly, Light Pink, Fragrant .....	.50

CLIMBING ROSES

American Pillar, Single Pink Flowers .....	.25
Climbing American Beauty, Purple Crimson Flower .....	.45
Crimson Rambler, Double Reddish Scarlet .....	.35
Dorothy Perkins, Soft Shell Pink .....	.25
Excelsa, Double Scarlet Crimson .....	.25
Paul's Scarlet, Intense Scarlet Flower, Double.....	.40

RUGOSA ROSES—(Hardest Rose)

C. F. Worth Double Crimson Flower .....	.40
Hugonis, Small Yellow Flowers .....	.35
Antony Waterer, Double Crimson .....	.35
Rubra, Early Large Single Flower .....	.35
Grootendorst, Small Red Fringed Flower .....	.50
Memorial Rose, Trailing Habits, Starry White .....	.35

BABY ROSES—(Dwarf Polyantha)

Crimson Baby, Semi-double Flower .....	.45
Ideal, Dark Scarlet, Profuse Bloomer .....	.45
Cecil Brunner, Dainty Clear Pink .....	.50
Golden Salmon, Bright Orange, Blooms Continually .....	.50

SENSATIONAL ROSES (Patented)—2 Yr. No. 1

Better Times, Bush, Brilliant, Cerise, Fragrant	\$1.50
Mary Hart, Bush, Deep Blood Red Flowers	1.25
Nigrette Bush, Black Rose of Sanguerhausen	2.00
Blaze, Climber, Everblooming, Scarlet Flowers	1.50
Golden Climber, Extremely Hardy Yellow Climber	2.00
New Dawn, Climber, Pink, Everblooming	1.75

BARGAN ROSE

Ten Roses—One each of ten different kinds. Two inch pot-grown. Begin to bloom the first year. Postpaid. All for \$1.00

ROSE DISEASES

The rose faces four deadly menaces, anyone of which would destroy the rose garden if left unchecked. Black Spot presents the greatest Problem. Easily controlled if one start making exterminating applications when the leaves first appear—additional applications week or ten days later if necessary. Mildew, leafeating insects, and aphis are the other controlled in the same way as Black Spot either by dusting or spraying will exterminate these diseases. Insecticides page 22.

1 lb. Can with Nicotine 75c
1 lb. Can without Nicotine 50c
Tri-Ogen, per Kits \$1.50



Chinese Elm

NATIVE SHADE TREES

Price Per Each

Ailanthus, 4 to 5 ft., Tree of Heaven, Very Rapid Grower	....\$0.50
Elm, Chinese, 4 to 5 ft., Beautiful Tree, Rapid Grower	..... .35
Elm, Chinese , 6 to 8 ft., Beautiful Tree, Rapid Grower	..... .75
Elm, Chinese, 8 to 10 ft., Beautiful Tree, Rapid Grower	..... 1.00
Elm, Native, 8 to 10 ft., Beautiful Tall Tree	..... .75
Maple, Soft, 8 to 10 ft., Native Variety	..... .75
Popular, Bolleans , 8 to 10 ft., Silver Green Foliage	..... 1.25
Poplar, Volga, 8 to 10 ft., Tall Spirial Like Tree	..... .60
Poplar, Volga, 6 to 8 ft., Tall Columnar Tree	..... .35

Many other varieties for sale not mentioned here.

WEeping ORNAMENTAL TREES

Birch, Weeping , 6 to 8 ft., White Bark	..... 2.00
Birch, Weeping , 6 to 8 ft., White Bark	..... 2.00
Cherry, 4 to 5 ft., Weeping, Japanese Pink Flowers	..... .75
Locust , 5 to 6 ft., Globe Headed, Rich Foliage	..... 1.50
Maple, 5 to 6 ft., Purple Leaf Foliage, Schwerdler	..... 1.50
Mountain Ash, 6 ft., Beautiful Red Berries	..... 1.50
Mulberry, 6 ft., Tea's Weeping, Umbrella Foliage	..... 1.50
Red Bud (Cercis) , 5 to 6 ft., Beautiful Red Flowers	..... 1.50
Red Bud (Cercis) 2 to 3 ft., Beautiful Red Flowers	..... .60
Umbrella Willow , 5 to 6 ft. Something new	..... 1.25
Weeping Willow, 6 to 8 ft., Niobe, Golden Bark	..... 1.00

CLIMBING VINES

Ampelopsis, 2 yr., No. 1 (Engelmanni) Hardy Clinging Climber	.. .15
Ampelopsis , 3 yr., No. 1 (Veitchi) Boston Ivy, Best Clinger	.... .35
Dutchman Pipe, 12 to 18 in., Flowers Resembling Pipes in Shape	..... .75
Trumpet Vine (Bugnonia), 2 yr., Scarlet Trumpet Flowers	..... .25
Clematis , 2 yr., No. 1, Jackmanni, Purple (Potted Plants)	..... .50
Clematis, 2 yr., No. 1, Mme. Andrea (Potted Plants)	..... .50
Clematis, 3 yr., No. 1, Paniculata, Fragrant White Flowers	.... .25
Honeysuckle , 2 yr., No. 1 Scarlet Trumpet Shaped Flowers	.... .25
Honeysuckle, 2 yr., No. 1 Hall's Japan, Fragrant Yellowish	.... .25
Honeysuckle, 2 yr., No. 1 Belgica, Monthly Bloomer, Redish	.... .25
Lace Vine Polygonum Auberti), 2 yr., No. 1, Foamy White	.... .50
Lycium, 2 yr., No. 1, Japanese Matrimony Vine, Purple	..... .25
Wisteria, 2 yr., No. 1 Lilac Purple Flowers	..... .25
Morning Glory , Annual, Large Blue Flowers, (Potted Plants)	.. .25

HEDGE SHRUBS

A Hedge can be trimmed always to the height you would prefer it to grow. Some varieties of Hedge Shrubs grow taller than others and we have noticed it after each variety.

	Doz.	100
Barberry, 18 to 24 in., Japanese, Med. Tall Hedge	.....\$1.50	\$12.50
Buckthorn , 18 to 24 in., Trims Med. Hedge, Natural Tall	.. 1.00	7.50
Honeysuckle, 18 to 24 in., Tall Growing Hedge	..... 1.50	10.00
Mulberry, 18 to 24 in., Russian, Tall Growing Hedge	.....50	2.50
Olive , 18 to 24 in., Hardy Russian, Med. Tall Hedge	..... .60	5.00
Privet, 18 to 24 in., Amoor River, Small Hedge	..... .75	6.00
Spirea , 18 to 24 in., Bridal Wreath, Weeping Hedge	..... 1.00	7.50

FOREST TREE SEEDLINGS—Forest Grown, 18 to 24 in.

	100	1000
Ash, Elm and Maple	.....\$2.00	7.50
Cottonwood and Willow	..... 1.00	5.00

Nursery Grown, 18 to 24 in.

Mulberry, Russian Variety, Wind Break Tree	..... 2.50	20.00
Black Walnut, Valuable Timber Tree	..... 4.50	
Elm, Chinese, Most beautiful Elm, Rapid Grower	..... 3.00	22.50
Catalpa, Valuable Timber, Shade and Ornamental Tree	..... 2.50	20.00

Sheared
JuniperSheared
Juniper

Home Evergreen Setting

HARDY EVERGREENS—(Nursery Grown)

Taken up with Ball Earth and Burlaped

Evergreens newly planted should be well watered during the summer season and soaked down just before ground freezes when winter begins.

Price Each

Juniper, 3 to 4 ft., sheared, (Red Cedar) Virginiana	\$2.00
Juniper, 2 to 3 ft., sheared, (Red Cedar) Virginiana	1.25
Juniper, 3 to 3½ ft., sheared, Blue Virginiana	4.00
Juniper, 2 to 2½ ft., Carnarti , Bird Cedar	2.00
Juniper, Many sizes, Native Bird Cedar, Bears Berries	\$1.00 to \$3.00
Spruce, 1½ to 2 ft., Black Hills, Hardest Spruce	1.00
Spruce, 2 to 2½ ft., Black Hills, Hardest Spruce	1.50
Spruce, 2 to 3 ft., Colorado Blue, very beautiful	5.00
Arbor Vitae, 3 to 4 ft., Pyramidalis	2.00

DWARF EVERGREENS

Pfitzeriana Juniper (of the Cedar Family) is one of the hardiest, easiest to grow, and most satisfactory of all the dwarf varieties of evergreens.

Juniper, 15 in. spread, Pfitzeriana	\$1.00
Juniper, 18 to 24 in. spread, Pfitzeriana	2.00
Juniper, 18 to 24 in. spread, Sabina	2.00
Juniper, 18 to 24 in. spread, Sargenti , Creeper	2.75
Mugho Pine, 18 in. spread	1.50

BLACK HILL SPRUCE SEEDLINGS

F. O. B. Black Hills, South Dakota

The forest grown **Black Hill Spruce Seedlings** are the easiest to grow and the hardiest of all spruces.

Per 100

Black Hill Spruce, Seedlings, 12 to 18 inch, well Rooted.....	\$6.00
Black Hill Spruce, Seedlings, 18 to 24 inch, well Rooted.....	8.00

EVERGREEN SEEDLINGSPrice on
Application

Arbor Vitae, 6 to 10 in., American Transplants	"
Black Hill Spruce , 10 to 12 in., Transplanted Stock.....	"
Colorado Blue Spruce, 10 to 12 in., Seedlings	"
Norway Pine, 12 to 15 in., Tallest Lumber Evergreens ..	"
Mugho Pine , 12 to 15 in., Seedlings Dwarf Evergreen	"
Balsam Fir, 7 to 10 in., Seedlings, Tall Conical Tree	"

SAVE YOUR EVERGREENS**PROTECTION**

FROM DOGS,
RABBITS, CATS,
MOLES and MICE,
from Evergreens
and fruit trees.

Drives Dogs Away Never
to Return

**"DOGZOFF"**

Price See Page 22

An Evergreen setting, landscaped around a home in the back ground, not only beautifies but is green and attractive the whole year around. It gives the home an inviting appearance. Autumn planting of Evergreens is really the best time of year to set them out, but spring time is good if you haven't had time to plant them in the autumn.

We handle a complete line of both dwarf and taller Evergreens, too, in the autumn as well as in the spring time.



Fertilizers Insecticides, Animal and Poultry Foods

Fertilizer, f. o. b. 316 Pearl Street, Delivery extra

FERTILIZERS

Sheepo, Sheep Manure refined	..5 lbs. 25c; 50 lbs. \$1.20; 100 lbs. \$2.00
Miko, Michael's Humus Fertilizer	.....5 lbs. 25c; 100 lbs. 3.00
Ground Bone (pure), Lasting effect	.....5 lbs. 25c; 100 lbs. 4.00
Ground Bone (Armour)	.....5 lbs. 15c; 100 lbs. 2.75
Acid Phosphate, Available	...5 lbs. 25c; 50 lbs. \$1.50; 100 lbs. 3.00
Vigoro, Mostly Stimulant	...25 lbs. \$1.50; 50 lbs. \$2.00; 100 lbs. 4.00
Sacco, Mostly Stimulating	...25 lbs. \$1.50; 50 lbs. \$2.00; 100 lbs. 4.00
Stim-u-plant	.....30 Tablets 25c; 100 Tablets 75c; 1000 Tablets 3.50
Peat Moss	.....Per lb. 10c; 10 lbs. 60c; 25 lbs. \$1.00; 100 lbs. 3.00
Lime, Raw Ground	.....100 lbs. \$1.00; 500 lbs. \$4.00 Ton. 15.00
Lime, Marblehead, Hydrated	.....50 lbs. \$1.00; 500 lbs. 4.00
Animal Manure, Rich Sheep or Cow Manure, Per Truck Load	..2.50
Black Dirt, Pure Black Earth, Per Truck Load	.....2.00

INSECTICIDES

Acme, Cut Worm Bait	.....1 lb. Pkg. \$.40
Acme, All Around Spray	.....1/4 lb. Pkg. .35
Lime Sulphur	.....1 lb. Pkg. 35c; 5 lbs. \$1.45; 10 lbs. 2.25
Arsenate of Lead	.....1 lb. Pkg. 30c; 4 lbs. .65
Paris Green	.....1/4 lb. Pkg. 15c; 1 lb. 50c; 5 lbs. 2.25
Nicotine Sulphate	...1 oz. bottle 35c; 5 oz. bottle \$1.00; 2 lbs. 3.25
Evergreen, for insects	.....1 oz. bottle 35c; 6 oz. 1.00
Tobacco Dust Fertilizer and Insecticide	.....10 lbs. 50c; 100 lbs. 4.00
Shep's Spray, for Insects	...1/2 oz. bottle 10c; 1 1/2 oz. 25c; 1/2 pint .75
Garden Guard, "Guard the Garden"	.....Per can 25c; 5 lbs. .90
Dogzoff, Spray for Evergreens, and fruit trees, in Bottles each	.60
Sure Death, Kills moles	.....tubes 10c each, 3 tubes .25

DISINFECTANTS

Semesan Jr. (Corn)	.....4 oz. 50c; 1 lb. \$1.75; 5 lbs. 8.00
Semesan Bel (Potatoes)	.....4 oz. 50c; 1 lb. \$1.75; 5 lbs. 8.00
Ceresan (Grains)	.....8 oz. tin 50c; 1 lb. 75c; 5 lbs. 3.00
Merko, for Seed Corn	.....1 lb. Can 1.25

POULTRY FOODS

	10lbs.	50 lbs.	100 lbs.
Starter for baby chick	.....\$0.35	\$1.50	\$2.75
Eureka for older chicks	......35	1.50	2.50
Acme scratch food	......30	1.50	2.50

	10lbs.	50 lbs.	100 lbs.
Oyster Shells, Egg shell producers	.....\$0.25	\$0.65	\$1.00
Mica Grit (chicken teeth)	......25	.60	1.00

POULTRY LICE KILLER

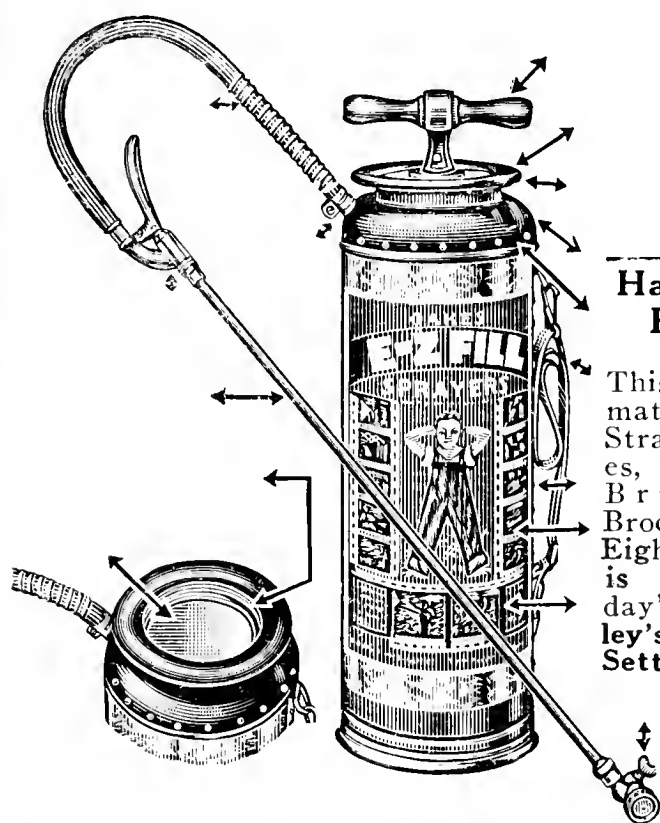
Poultry Delouser, "Paint the Perches"	...2 oz. tubes 35c; 5 oz. .85
Pratt's Roost Paint, Kills Lice	.....1/2 pint 75c; Pint \$1.25

ANIMAL, POULTRY FOODS

Blood Meal	.....4 lbs. 25c; 25 lbs. \$1.25
Beef Scraps	.....5 lbs. 25c; 25 lbs. 1.00
Bar-B-Kubes, dog food	.....3 lbs. 25c; 10 lbs. .75

BIRD SEED

	1 lb.	10 lbs.	100 lbs.
Canary Seed, best bird food	.....\$0.12 1/2	\$1.00	\$9.00
Hemp Seed	......12 1/2	1.00	9.00
Rape Seed	......12 1/2	1.00	9.00
Mixed, All kinds mixed proportionately	......10	1.00	9.00
Sunflower Seed	......15	1.00	9.00



E-Z FILL SPRAYER. Made of heavy galvanized steel. Sprays at any angle, especially underneath the leaves and low growing plants. Sturdy-boy.
 E-Z Fill No. 140, $3\frac{3}{4}$ gal. tank, \$4.50 ea.
 E-Z Fill No. 135, $3\frac{1}{2}$ gal. tank, \$3.50 ea.

This three-prong cultivator is an easy tool to operate, High Carbon Steel Tines penetrate any soil with ease as they loosen and cultivate the ground thoroughly. A child can do perfect work with this tool.
 No. 150-3, $4\frac{1}{2}$ ft. handle75c each

MAGIC HANDY WEEDER

Handiest Tool on earth, each 15c.



PULL HOE

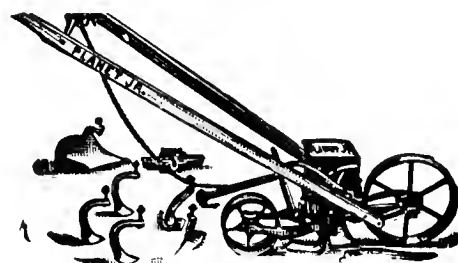
PLANET, JR. DRILL SEEDERS
 No. 25—Combined Hill and Drill Seeder. Double Wheel Hoe, Cultivator and Plow, \$20.00.

No. 4D—Combined Hill and Drill Seeder. Seeder only, \$12.00, complete, 16.00.

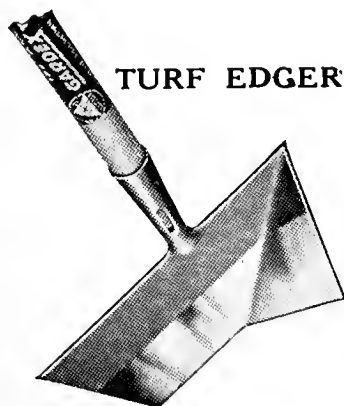
HAND CULTIVATOR



With an easy pull, sharp V-shaped Blade bites the ground as you walk along, the soil flows under the side guards which also protect plants when doing quick close work. It weeds and cultivates in the same operation, leaving the soil finely mulched. No weeds can escape it. Made of Special High Carbon Steel with polished blade.
 No. 1004—4" wide, $4\frac{1}{2}$ ' handle 95c ea.



Planet Junior No. 25



TURF EDGER

NEPONSET PAPER POTS

$2\frac{1}{2}$ in. size, 75c per 100; \$6.00 per 1,000. 3 in. size, \$1.00 per 100; \$7.50 per 1,000. Plant Boxes 10c doz. with box.

Now you can edge your lawn, flower beds or borders as fast as walking and do a neat job. This new edge cuts turf vertically and horizontally in one operation. V-Shaped grooves between the side walk and the lawn. Wing blade can also be used to lift sod. Made of Special High Carbon Steel.

No. 400 $4\frac{1}{2}$ ft. handle\$1.15 ea.

Hanley's Handy Plant Setter

This planter sets Tomatoes, Onion Sets, Strawberries, Potatoes, Corn, Cabbage, Brussels Sprouts, Broccoli, Peppers, etc. Eight thousand plants is but an average day's work with Hanley's Handy Plant Setter. Price \$7.50 ea.



Hudson Long Stroke Liquid Sprayer.
 Price 50 cents each.

Hotkaps are cheap insurance, easy to set over the young plant with the setter. 50c each.
 Price: Per doz. 25c; per 100, \$1.50; per 1,000, \$9.00

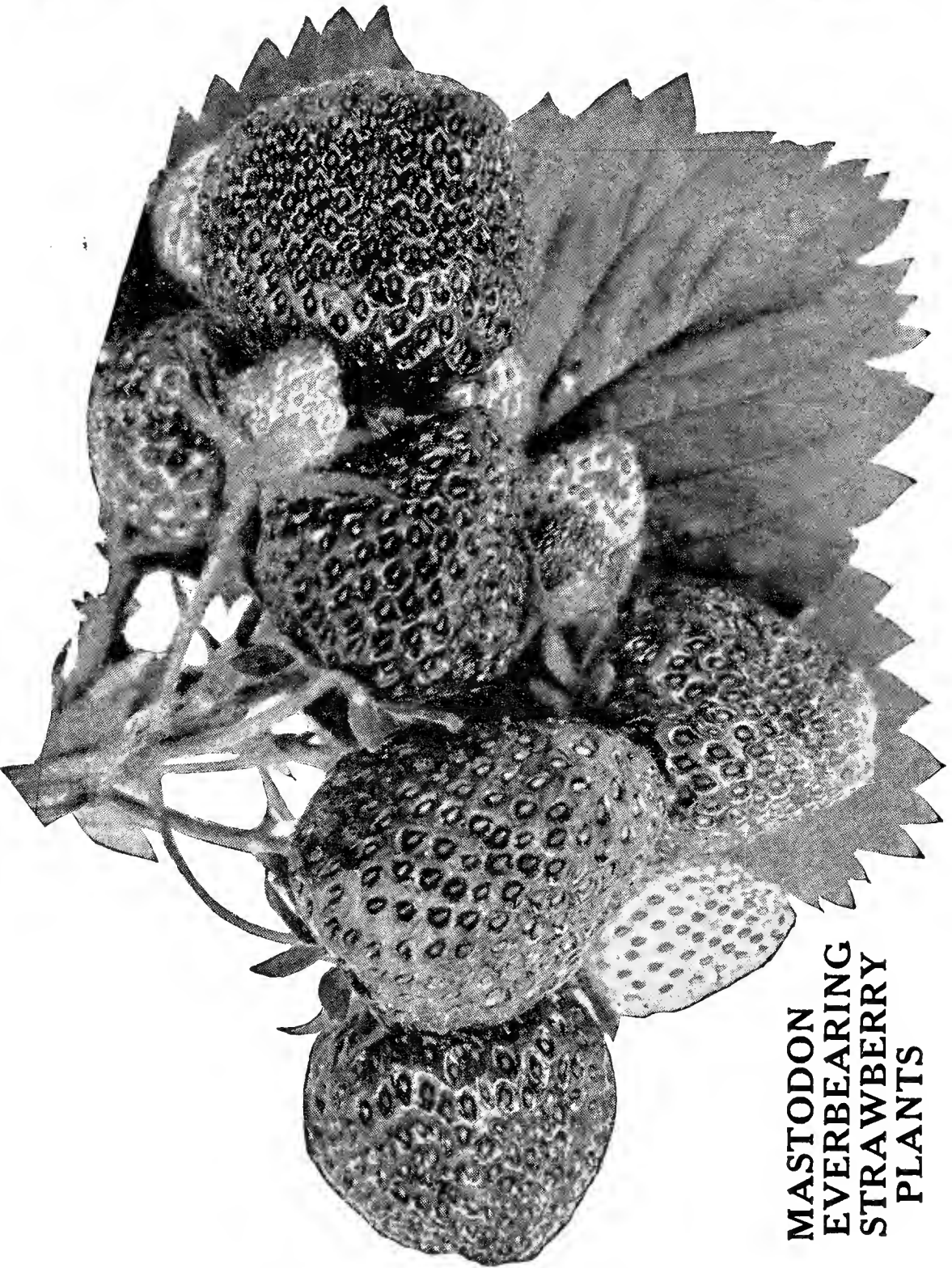
The Michael Seed Store

316 Pearl St. SIOUX CITY, IOWA Phone 88666
BRIGHTEST PEARL ON PEARL STREET

GARDEN BOOKS



How Plants Get Names,
200 pages, \$2.25 postpaid
Perennial Gardens,
92 pages, \$1.25 postpaid
Garden Notebook,
217 pages, \$1.60 postpaid
How to Grow Perennials,
96 pages, \$1.10 postpaid
Rock Garden,
230 pages, \$1.60 postpaid
The Lawn, \$1.25 postpaid



MASTODON
EVERBEARING
STRAWBERRY
PLANTS

STRAWBERRY PLANTS—Everbearing

	25	100	1000
Mastodon, Home Grown	\$0.25	\$1.00	\$ 7.50
Mastodon, Originator's Stock .....	.50	1.25	9.00

JUNE BEARING

Warfield and Blackmore .....	.15	.50	4.00
Dunlap .....	.15	.50	4.00